



The Raleigh Amateur Radio Society's **EXCITER**

GET INVOLVED

- RARS General Membership meeting: First Tuesday of the month.
- The RARS net meets every night except Saturday @ 8 p.m. on 146.640.
- The RARS Technical & Trader's net: Saturdays @ 8:00 p.m. in place of the RARS net.
- RARS meets for a monthly dinner on the 2nd Tuesday of each month.

PUBLIC SERVICE

Thank you to everyone who volunteered to help make the 2013 Ham Public Service season a banner year. Visit <http://www.rars.org/public-service.php> frequently for additions to our 2014 ham public service schedule. — John Snellen, AI4RT

RARS General Meeting

What: Christmas Party and Installation of Incoming Officers

Date: Tuesday, December 3, 2013

Time: Meeting at 7:30 p.m.

Where: RLBC, Inc., 3200 Bush Street, Raleigh, NC

*Have an idea for a meeting?
Email the RARS Vice President!*

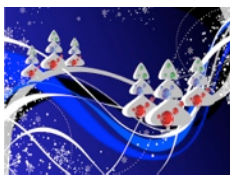


December Meeting Information

By CJ Orr, NC4CJ

In the spirit of the season, the RARS club shall feast on the tastiest dishes the members can provide during the Dec. 3 General Meeting! We are looking for finger foods and desserts of all kinds. The potluck website is now open and members can sign up [here](#).

Each year, the Board of Directors selects a charity as part of its community outreach effort. This year, the Board has chosen RLCB. We have had wonderful meeting spaces in the buildings owned and run by the RLCB. Your donations will help the Lions Club provide bagged meals to community members who are blind or visually impaired.



The Club will set aside \$100, which is enough to cover two bagged dinners. The Board is asking members to make a small contribution. Once the funds have been counted, the Club will match private donations dollar-for-dollar up to another \$100. The Board hopes to be able to sponsor a total of eight meals.

RARS Officers

PRESIDENT

Karl Bowman
W4CHX
919.669.6068
w4chx@arrrl.net

VICE PRESIDENT

Candy Orr
NC4CJ
919-217-7734
cjorr@bellsouth.net

SECRETARY

Bob Chew
KI4YXM
919.782.5778
rlchew@mindspring.com

TREASURER

Greg Seamster
KE4PAX
919.859.0029
ke4pax@arrrl.net



The Raleigh Amateur Radio Society

The Raleigh Amateur Radio Society, Inc. (RARS) was founded in 1969 and continues to serve and support the amateur radio community in the greater Triangle area. In 1999, the society incorporated a new RARS and obtained 501(c)(3) non-profit tax status.

The objectives of the club are to promote worldwide friendship through amateur radio; to be of public service by providing radio communications in times of disaster, emergency, or civic needs; to educate members in radio technique, and to provide training classes to assist in obtaining amateur radio licenses.



Anyone interested in amateur radio is eligible to apply for membership. Dues for regular licensed amateurs are \$18 per year (from July 1 through June 30). Additional immediate family members pay \$5 each per year. Dues for licensed amateurs older than 59 or younger than 16 are \$12 per year. Dues for non-licensed associate members are \$9 per year. Applications for membership may be obtained from the treasurer or on the RARS website (www.rars.org).

Exciter

The *Exciter* is the official newsletter of the Raleigh Amateur Radio Society. It appears each month as a PDF on the RARS website at www.rars.org. Members receive email notification when the latest version is available. Please provide your email address to the Treasurer.

The *Exciter* welcomes articles, advertisements, and other contributions. To submit a piece to the newsletter, please contact the Editor. The Editor reserves the right to edit any and all pieces. The submission deadline for each month's *Exciter* is the third Friday of the preceding month. All submissions must be final. Drafts are not accepted.

The views expressed in the *Exciter* are those of the individual authors and do not necessarily reflect the views of the Editor or RARS.

Cathy Downs, KA3QPU, editor (editor@rars.org)

For Your Information

RARS General Meeting

Date: First Tuesday of each month

Location: RLCB, Inc. *Through Dec. 2013*

3200 Bush Street,
Raleigh, NC, 27609

Time: People begin arriving at 7 p.m.
The meeting officially begins at
7:30 p.m.

RARS Monthly Dinner

Join us on the second Tuesday of each month for the RARS dinner. It's open to everyone: RARS members, non-members, friends, and family. Feel free to bring your little ones! Dinner begins at 6:30 p.m.

Listen to the nightly RARS net and check www.rars.org for details on the next dinner's location.

RARS Repeaters in Raleigh

146.640 & 443.625 (88.5 PL)

Join us for the nightly RARS net at 8 p.m. on the 146.640 repeater. All hams holding a Technician class license or higher are invited to check in. We welcome both RARS and non-RARS members to the net.

VE Testing

The RARS VEs will accept walk-in testing at the February, May, August, and November RARS meetings; the RARSFest in April; the Cary Swapfest in July; the JARSFest in November; and following RARS license classes.

Please bring a photo ID, your current license, a copy of your current license, your \$14 exam fee, and any CSCEs you have for credit. Visit www.rars.org for more information.

Message from the President

Soon, RARS will have a new President, C.J. Orr, NC4CJ. And, RARS will be in "very good hands!" Please extend to her the assistance, cooperation, courtesy, and friendship that you extended me during the 4 years that I was in that office.

I am grateful to have been given the opportunity serve as an officer in RARS—VP (2009) and President (2010-13). I enjoyed working and spending time with my RARS colleagues and look forward to future interactions with the Club.

Happy holidays and 73,
Karl W4CHX

Looking for a New Location

By Karl Bowman, W4CHX



The RARS General Membership meeting scheduled for Dec. 3 at the Raleigh Lions' Clinic for the Blind (RLCB) will be the last time RARS will meet at this location. The property has been sold and will no longer be available for our use after this meeting.

At the present time, a new meeting site **has not** been identified; however, the RARS Board is working hard to find a new location.

Know a Location?

The Board is requesting your assistance with finding a new meeting location for the RARS General Membership meeting. If you are aware of a location that could accommodate RARS' meeting needs, please contact me at w4chx@arrl.net or C.J. Orr, NC4CJ, RARS President-Elect, at mzbluebird@gmail.com.

Please continue monitoring the RARS Reflectors for updated information.



Another License Class

By Murray Merner, K4MHM

The General Class License Course that started Oct. 10 had 20 students (pictured above) with instructor Mike Murphy, WA4BPJ. While most elected to take the exam the afternoon of the last session on Nov. 2, some planned to take the exam at the RARS regular meeting on Nov. 5. This session will be the last one of the year. With this General course and the four Technician courses, we have had a total of 98 students.

A three-session Technician Class License Course is planned beginning Jan. 18 on the SAS campus. Non-employees are welcome. For more information, contact Murray, K4MHM, at mmmm0320@gmail.com.

Events, Hamfests & Conventions

Winston-Salem Winter First-Fest | Jan. 11, 2014

Location: Winston-Salem, NC

Website: <http://www.w4nc.com/events.htm>

**2014 Charlotte Hamfest & NC Section
Convention | March 7, 2014**

Location: Concord, NC

Website: <http://www.charlottehamfest.org>

**2014 Raleigh Hamfest & ARRL Roanoke
Division Convention | Apr. 19, 2014**

Location: Raleigh, NC

Website: <http://www.rars.org/hamfest>

**North Carolina State Convention (Shelby
Hamfest) | Aug. 30, 2014**

Location: Shelby, NC

Website: <http://www.shelbyhamfest.org>

www.rars.org

New RARS Members

John Stone	K3RHJ
Tadd Torborg	KA2DEW
Ned Mellon	KK4VEM
Jerry Agliata	W2GLA

December Birthdays

David	KB8V	12/01
Bruce	KB2LBR	12/03
Randy	KE4PNT	12/06
Brian	KK4OOS	12/08
Frank	W4CWA	12/08
Virginia	NC4VA	12/09
Bruce	KC4UQN	12/09
Clyde	WB2EYC	12/10
Mike	WA4BPJ	12/11
Frank	KA2FWC	12/12
Conner	KE4ZNS	12/15
Cliff	W4FT	12/17
Roger	W3EZR	12/18
Gregg	KE2SX	12/20
Bert	W4FMN	12/21
Cliff	W4CE	12/25
Nathan	K4NYA	12/26
Mike	WD4MB	12/27
Jason	KK4TLZ	12/29
Katie	KE4DRL	12/31
Gerry	K4GCJ	12/31
Dick	KD4ISC	12/31

October Traffic Stats

**RARS Two Meter
Traffic/Ragchew Net**

Check-ins: 490

Traffic: 39/35

Minutes: 510

Sessions: 26

**Special Interest
Nets**

Check-ins: 190

Minutes: 370

Sessions: 10

Minutes

Board of Directors Meeting Raleigh Amateur Radio Society October 15, 2013

Present: Karl W4CHX, C.J. NC4CJ, Bob K4YXM, Greg KE4PAX, John AI4RT, Ken WA4JJW, Chuck K4HF, Don WA4AVU, Joanne AK4RJ, Bill AK4BL

Apologies: Bob W4TTX, Hank K4HM, Murray K4MHM

1. **Call to order (Karl W4CHX):** Karl W4CHX called the meeting to order at 7:09 p.m.
2. **Approval of minutes (Karl W4CHX):** The Minutes of the previous Board Meeting (September 17, 2013) were approved as presented.
3. **Vice President's report (CJ NC4CJ):** Sharon's (our interface person with RLCB) husband has died unexpectedly. Tim W4TME will present the November program. The topic is software defined radios. Tom N4TL will have a program on logging at the January, 2014 meeting. CJ has asked Tapper Lovelace KB4TYE to give a weather balloon presentation at the February meeting. A possible presentation in the future is Winlink software by Frank Pleshe N3FRP.
4. **Treasurer's report (Greg KE4PAX):** RARS currently has 300 members. If any RARS member has questions regarding the budget, please contact Greg KE4PAX or Karl W4CHX for more information.
5. **Secretary's report (Bob K4YXM):** No report.
6. **Committee reports:**
 - a. **Public Service Director (John AI4RT):** Two more events are scheduled for 2013: the City of Oaks Marathon and the Making Room for Turkey Ride. John AI4RT reminded everyone to consider participating on the public service net.
 - b. **Public Information Officer (Ken WA4JJW):** The General licensing class information has been released to the media. Comments were made regarding social media.
 - c. **Education Director (Murray K4MHM):** Based on his email communication, Murray K4MHM reported:
 - a. "Technician Course ending 9/28 had 15 students. One student who dropped out of the course still has not paid for the book. He has made subsequent contact and said he would pay. NCSU ARC W4ATC has increased its activity including electing officers and on-air time.
 - b. General Course starts 10/19 and finishes 11/2. 19 students are pre-registered.
 - c. Technician Course on SAS campus is tentative to begin mid-January, but date is not been confirmed. It will be open to non-employees.
 - d. JOTA will be 10/19/20."
 - d. **Field Day Chair (Bob W4TTX):** No report.
 - e. **FM Repeater Chair (Karl W4CHX):** Karl W4CHX reported that the repairs to the building at the Bayleaf site are almost done. A team consisting of Robert Chew, Bob K4YXM, Bob NC1X, Joanne AK4RJ, Sally Chapman, and Karl W4CHX worked on 8 days over a 3 week-period to replace the roof and apply vinyl siding to the building. Cliff W4FT and Alan AB4OZ will

complete the interior work in the near future. Chuck W3WZN is communicating with, and transporting repeater hardware to, Danny K4ITL for setup and installation of the repeaters at the various repeater sites. It was noted that the “new” 444.525 repeater is likely to be the first one on the air, followed by the “new” 146.64 repeater.

- f. **RARSfest Chair (John AI4RT):** The next RARSfest meeting is scheduled for Monday, October 28, 2013. Other comments and discussion included: there will be a new approach to the youth lounge targeting individuals in the 15 year-old age range; possible forum presentations; Marty W4MY will coordinate the special event station, possibly W1AW/4 if it can be arranged with ARRL; Dennis Bodson, W4PWF, ARRL Roanoke Division Director, and Kay Craigie, N3KN, ARRL President, will be present at RARSfest 2014; and, Gary KN4AQ will be producing the brochure again.
- g. **Exciter Chair (Cathy KA3QPU):** Please send articles.
- h. **Hospitality Chair (Charles WB4DCM):** No report.
- i. **Net Manager (Mary KG4OQA):** No report.
- j. **ARRL Liaison (Chuck K4HF):** Chuck K4HF made comments regarding hamfest news and the executive board meeting.
- k. **At-Large Director (Don WA4AVU):** No report.
- l. **At-Large Director (Jack N6UYB):** No report.
- m. **At-Large Director (Bill AK4BL):** No report.
- n. **Food Service Chair (Joanne AK4RJ):** No report
- o. **W4DW/W4RNC Trustee (Jeff AC4ZO):** No report. A question was asked about updating our SERA membership. Karl W4CHX will look into this matter.
- p. **RARS VE Coordinators (Joe WA4GIR and Liz KO4CK):** No report.
- q. **RARS Webmaster (Hank K4HM):** Based on his email communication, Hank K4HM wrote,
 - a. “The main RARS webpage has been converted to a wider format. Other pages will be reformatted soon. The wider format is more consistent with PC display state of the art and will allow conversion of some older RARS pages to include our header, menu, and icon borders.
 - b. The upcoming General License Class information is prominently referenced on our main page. (I have also seen or heard references to this class by several other clubs.)
 - c. I have removed many very old unused items from our web server. Some of these files date back to the 20th century and many of them have not been included on our site for a decade or more. There is still a lot of work to be done on this front but we have thousands of files, a fairly large site for a club, and even using Unix search tools, searching for links and other references to make sure an old page is not still in use takes time - one page at a time.
 - d. The spam and hacker attacks have slowed dramatically--probably due to some help from Ammon Nissan at Delta Force, the rtpnet.org service provider that hosts our website. Most of these attacks have been from outside the US and he offered to block access at the firewall for any foreign IP addresses I identify to him. There are still a few spam emails being sent from US accounts to the webmaster@rars.org email account but elimination of the foreign addresses has eliminated the majority of them.

- e. I have not had any feedback pro-or-con regarding the new “Kudos” page. Additions, suggestions, and corrections are requested.”

r. **North Carolina QSO Party (Marty W4MY):** No report

7. **Old business:**

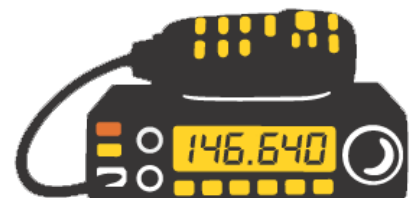
- a. **Financial review (Greg KE4PAX):** Greg KE4PAX indicated that this has been completed.
- b. **Equipment list for insurance policy (Greg KE4PAX):** Still being assembled.
- c. **Amateur radio and the new Unified Development Ordinance (Karl W4CHX):** Karl W4CHX updated the group on the status of this matter. If anyone has any questions, please contact Karl W4CHX for further information.
- d. **Recording of Board meetings (Don WA4AVU):** Don WA4AVU brought a small digital recorder for trial use.
- e. **December club meeting (C.J. NC4CJ):** Following discussion, the Board decided to support the RLCB and its charity activity, which is providing food baskets for people. C.J. NC4CJ made the following motion: “That RARS donate \$100 to RLCB Christmas baskets to be distributed to the needy and match the first \$100 in donations from RARS members.” Don WA4AVU seconded the motion. The motion passed.
- f. **Publicity for licensing classes and VE exams (Murray K4MHM):** No report
- g. **Additional meeting space (Greg KE4PAX):** For upcoming meetings during the next 30-60 days, RARS will be using the meeting spaces at the RLCB.
- h. **Nominating committee (Chuck K4HF):** Chuck K4HF reported on the list of nominations for officers and committee chairs. The duties of the Hospitality Chair were discussed, including possible expansion of those duties. Related discussion was focused on identifying, greeting, and involving new RARS members; and, the possible need for a RARS Membership Chair (or similar).
- i. **ICS courses (Karl W4CHX):** No report.

8. **New business:** No new business was brought before the Board.

9. **Any other business:** None.

10. **Board member’s comments:** John AI4RT has equipment from an estate to sell; and, Karl W4CHX thanked those individuals who have helped with the repair and updating of the repeaters and the Bayleaf repeater building.

11. **Adjournment (Karl W4CHX):** The meeting was adjourned at 9:17 p.m.



Minutes

General Membership Meeting Raleigh Amateur Radio Society November 5, 2013

1. **Call to order:** Karl W4CHX called the meeting to order at 7:31 p.m. There were 55 people in attendance.
2. **Approval of minutes:** The Minutes of the RARS General Membership meeting on October 1, 2013 were approved.
3. **Vice President's report (CJ NC4CJ):** CJ reported that the Board of Directors voted to support the RLCB project to distribute baskets to the needy for Christmas. RARS will donate \$100 and match the first \$100 donated by club members at the December meeting.
4. **Treasurer's report (Greg KE4PAX):** Greg KE4PAX reported that RARS has 305 members. If any RARS member has any questions, please contact Greg KE4PAX or Karl W4CHX for further information.
5. **Announcements (Karl W4CHX):**
 - a. **Upcoming RARS events and hamfests:** Karl W4CHX reminded everyone to see the Exciter or the ARRL website for further information. The only remaining public project is the "Makin Room for Turkey ride.
 - b. Karl announced that we will be **losing the RLCB as a meeting place** beginning in January.
 - c. **After meeting gathering:** The after meeting gathering will be held at Applebee's, Six Forks and Wake Forest Roads (by the Costco).
 - d. **Guests:** The guests included Tad KA2DEW, Davis KI4MMD, and Billy KE4VNR.
6. **Reports from RARS Board members and others:**
 - a. **Election for RARS Officers and Board members for 2014 (Chuck K4HF):** Chuck K4HF conducted the election for officers and board members for 2014. The following individuals were elected:

RARS Officers for 2-year term:

President:	C.J. Orr, NC4CJ
Vice President:	Tom Lewis, N4TL
Secretary:	Bob Chew K4YXM

RARS Officers for 1-year term: Tom Lewis, N4TL

RARS Board Members for 1-year term:

Public Service Director:	John Snellen, AI4RT
Public Information Officer:	OPEN
2014 Hamfest Chairs:	Chuck Decourt, W3WZN John Snellen, AI4RT
Exciter Editor:	Cathy Downs, KA3QPU
Net Manager:	Mary Holtschneider, KG4OQA
At-Large Director:	Don Downs, WA4AVU
At-Large Director:	Jack Foster, N6UYB
At-Large Director:	Bill Mars, AK4BL
FM Repeater Chair:	Karl Bowman, W4CHX with Chuck Decourt, W3WZN
W4DW, W4RNC Trustee:	Jeff Wittich, AC4ZO
ARRL Liaison:	Chuck Littlewood, K4HF
Education Director:	Murray Merner, K4MHM
RARS Web Master:	Hank Montgomery, K4HM

RARS Committee Chairs for 1-year term:

Food Service Chair:	Joanne Mars, AK4RJ
NC QSO Party Chair:	Marty Young, W4MY
2013 Field Day Chair:	Dennis Keith, NC4DK
VE Team Coordinators:	Liz White, KO4CK. Joe White, WA4GIR

7. **Any other business:** None.
8. **Drawing:** The winners of the drawing were: David K4SAN, Greg KE4PAX and Bill WA3FHM
9. **Program:** The program on Software Defined Radios was presented by Tim Ellison W4TME.
10. **Adjournment:** The meeting was adjourned at approximately 9:03 p.m.



LOCAL AMATEUR RADIO NETS

The **Apex Emergency Response Communications Net** meets weekly each Sunday at 9 p.m. on the 146.640 repeater. The purpose of the net is to assist ham radio operators in preparing to respond to emergencies, test their equipment, improve operating skills, pass traffic, and to provide those with a common interest an opportunity to meet. The Apex ERC Net provides amateur radio emergency communications for The Church of Jesus Christ of Latter-Day Saints' disaster relief efforts. All stations are invited to participate in this net.

Please join us on the **Carolina 440 Net** every Monday night at 7:30 p.m. This ragchew net utilizes the Carolina 440 UHF Link Repeater System. Comprised of the Raleigh, Down East, and Coastal Wilmington link systems, there are currently 19 repeaters on the system, covering 21,168 square miles. For a list of these repeaters, please visit www.carolina440.net.

Please join us each Tuesday at 9:15 p.m. on the 146.880 repeater for the **Central Carolina SKYWARN** net. On each net there are announcements, check-ins by county, and often a program or training spot. Check us out at www.centralcarolinaskywarn.net.

The **Ham Public Service Net** meets every Wednesday at 7:30 p.m. and provides a forum and discussion platform for area clubs and individual hams to connect with and learn from other local hams who are interested in Ham Public Service. The HPSN is utilizing the Carolina 440 UHF Link System. The repeaters are also accessible through IRLP Reflector 9210, node 4270. The Ham Public Service North Carolina Yahoo Groups address is: www.groups.yahoo.com/group/hpsnc.

The **PCTN (Piedmont Costal Traffic Net)** meets daily at 9 p.m. on the 146.880 repeater. The purpose of the net is to handle/pass NTS formal messages. Amateur stations are encouraged to check in and participate. The backup repeater is the 147.105 (PL tone 82.5).

The **RARS Technical & Trader's Net** is held on Saturday evenings on the 146.640 repeater at 8:00 p.m.

Join us every evening at 8 p.m. on the 146.640 repeater for the **RARS Two-Meter Net**. You can give a ragchew, check in and out (this counts for our total numbers reported to the ARRL!), make announcements, and pass traffic. We also offer National Traffic System traffic training. All licensed stations are welcome to participate in the net as often as they can. This net is also a great way to learn about amateur radio if you are newly licensed!

The **VOIP Hurricane Net** is held Sundays at 00:00 UTC on the 146.775 repeater with a tone of 88.5 (IRLP node 4260). For information about activation details, go to www.voipwx.net.

The **Wake County AUXCOMM Training Net** meets Thursdays at 7:30 p.m. on the 146.88 repeater. This net provides amateur radio operators information and training related to emergency communications and for our served agencies, such as Wake County Emergency Management. Please join us. For more information please visit <http://wake.nc.auxcomm.us/>.



RARS Classifieds

RARS Members: [Post](#) a new 30 day listing or [Edit](#) your current listings at www.rars.org/classifieds.php. The items below were listed within the last 30 days.

ICOM AT 180 160 thru 6 Meter Auto Antenna Tuner

Posted November 27th, 2013 by: K4HF

Contact: k4hf@arrl.net

The AT 180 was designed to be used with the ICOM IC 706/7000 Transceivers and coax feedline. It is rated at 120 Watts, minimum tuning power is 8 Watts. It comes with 2 cables and manual.

Excellent Condition - \$250.

Contact me by E Mail, preferred, or (919) 872-6555.

Thanks, Chuck

2+ HTX-202 forsale

Posted November 26th, 2013 by: AJ4HK

Contact: aj4hk@hotmail.com

RADIOVHF- Realistic/Radioshack HTX-202 (2) I have 2+ HTX-202's, 1 comes with belt clip, copy of manual, antenna, handstrap. and battery pack (Alkaline/AA).

The other one comes with antenna, copy of manual, handstrap, belt clip and 7.2 mah nicad battery pack with wall wart.

Asking \$55.00 each or both for \$100.00

Dennis

aj4hk

919-526-2860

ICOM IC 746PRO All Mode 160 thru 2 Meter Transceiver

Posted November 23rd, 2013 by: K4HF

Contact: k4hf@arrl.net

This 100 Watt base station transceiver has

General Coverage Receive and comes with the orig. manual, mike and power cord.

Excellent condition - \$900. A matching IC PS-125 Power Supply is also available.

Contact me by E Mail, preferred, or (919) 872-6555. Thanks, Chuck

For sale, ICOM IC706MK2G

Posted November 21st, 2013 by: N4TL

Contact: n4tl2@yahoo.com

Everyone,

A friend of mine sent this to me. If you are interested contact Ted at his email address.

Tom - can you ask around in your next club meeting(s) and see if anyone is interested in my IC706MK2G? I'm thinking about selling it to help finance the purchase of a new Elecraft KX-3.

Ted's email address = W4NE at juno.com

73 Tom, N4TL

Computer Table

Posted October 31st, 2013 by: K4MHM

Contact: K4MHM@arrl.net

Two-tier 31" x 21.5" crescent shaped table. Lower level for keyboard; upper level for monitor. Floor level shelf for computer. Has wheels. \$20.00

Want to be a Published Author?

What's your favorite aspect of amateur radio? Emergency communications or home-brewing radios? Contesting or Special Events stations? Why not share your interests, knowledge, and experience with other hams in the *Exciter*?

Both technical and non-technical articles are needed for the *Exciter*. You could write up a short piece on your experience SAGing at a bike-a-thon or an in-depth piece about putting up an antenna in your attic. We'll take articles of any length!

To submit an article, just email your piece to the Editor (editor@rars.org). Please feel free to attach any appropriate pictures or graphics. Be sure to include caption information about the images and identify the people in photographs. And always obtain their permission to use their image.



We look forward to learning from each other and broadening our club's knowledge base! Break out those pens, pencils, or keyboards and get writing!

RARS Classifieds

Want to add a new radio to your shack? Have an antenna for sale? Browse the RARS classifieds for new and used radio equipment at <http://rars.org/classifieds.php> or see p. 10 of this newsletter for current listings.

RARS members may post notices about equipment they are selling. Posts last for 30 days and are editable at any time.

Using our classifieds is a great way for buyers to search for available items and for sellers to reach a local, targeted audience.

The Raleigh Amateur Radio Society's

EXCITER

Raleigh Amateur Radio Society, Inc.
PO Box 17124
Raleigh, NC 27619

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